

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 51069 W0	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/IB 02/02523	International filing date (<i>day/month/year</i>) 28 June 2002	(Earliest) Priority Date (<i>day/month/year</i>)
Applicant Nokia Corporation et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. 2

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 02/02523

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 29/06, H04Q 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04L, H04Q, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI DATA, EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0217652 A2 (SYMBIAN LIMITED), 28 February 2002 (28.02.02), page 51 - page 62, claims 1-57, abstract --	1-20
P,X	US 2002161769 A1 (SUTINEN, A. ET AL), 31 October 2002 (31.10.02), section [0003] - [0013], [0024] - [0038], claims 1-13, abstract --	1-20
A	US 2002081995 A1 (LEPPINEN, M. ET AL), 27 June 2002 (27.06.02), abstract, the whole document --	1-20

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

16 January 2003

Date of mailing of the international patent search report

21-01-2003

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Swedish Patent Office
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 02/02523

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002078075 A1 (COLSON, J.C. ET AL), 20 June 2002 (20.06.02), section [0007], [0008], [0015], [0031] - [0033], [0044], [0045], claims 1-22, abstract --	1-20
A	EP 1081916 A2 (PHONE.COM INC.), 7 March 2001 (07.03.01), page 7, line 29 - line 54; page 10, line 11 - line 25; page 12, line 21 - line 25, claims 1-10, abstract -- -----	1,8,14-17,19

INTERNATIONAL SEARCH REPORT
Information on patent family members

30/12/02

International application No.
PCT/IB 02/02523

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
WO	0217652	A2	28/02/02	GB	0020735 D	00/00/00
				GB	0110779 D	00/00/00
				GB	0110780 D	00/00/00
				GB	0110781 D	00/00/00
				GB	0120440 D	00/00/00
				GB	0120455 D	00/00/00
				GB	2371178 A	17/07/02
				GB	2371382 A	24/07/02
				WO	0217075 A	28/02/02
				GB	0120454 D	00/00/00
				GB	2370728 A	03/07/02
				WO	0217602 A	28/02/02
US	2002161769	A1	31/10/02	WO	02086758 A	31/10/02
US	2002081995	A1	27/06/02	WO	02052872 A	04/07/02
US	2002078075	A1	20/06/02	NONE		
EP	1081916	A2	07/03/01	CN	1282160 A	31/01/01
				JP	2001078273 A	23/03/01